

	Global WCN Alert Notification					
Document Number	Document Classification	Document Level	Revision No.	Issue Date	Prepared By	Approval
GL-WCN-OEPS-L4-34	Controlled	L4	01	May 09, 2019	Jesse Nick Guidry	Global Product Line Management

Notification Type: ☐ Safety ☒ Product ☐ Environmental ☐ Security ☐ Process
☐ Materials ☐ Other: _____ [WCN GFA Procedure](#) [GFA Request](#)
Wft Alert Number: PA1011-10-22 [ECN Change Request Form](#)

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DESCRIPTION OF CHANGE OR OPERATING LIMITATION:	ENGINEERING CHANGE NOTICE NUMBER: (IF APPLICABLE)
External Casing Patches ('High Pressure', 'Rubber Seal' and 'Underwater' types) are purchased sales items used for casing repair operations. These items are similar to overshots in function but contain packing elements to seal on the outside of casing downhole to 'patch' a given casing string back to surface. These patches are supplied with a pressure and temperature rating. However, it must be noted before use that these patches <u>are not tested</u> by the supplier (Innovex and NOV) to their maximum pressure rating at the maximum temperature rating. The pressure testing is not completed by the OEM in conjunction with temperature. OEM pressure testing is completed at ambient temperatures. Acceptance criteria of the packer seals is completed based upon elastomer material ratings.	

AFFECTED EQUIPMENT/FACILITY (INCLUDE PART NUMBERS AND NAMES, IF APPLICABLE)				
'Rubber Seal' or 'High Pressure' or 'Underwater' External Casing Patches purchased from Innovex (Logan Oils Tools) and NOV (Bowen Oil Tools).				
Description	Item number	PART NUMBER LEGACY	CASING SIZE (in)	MANUFACTURER NAME
Patch, 12K external high PSI 10-3/4 OD casing blank box	738022	507-1263-012-001-500	10.75	LOGAN
Patch, external 13-3/8 IN	1286561	1286561		
Patch, external 4-1/2 IN	1334285	1334285		
Patch, external 5-3/4 OD PKR TY 4-1/2 OD CSG blank box 11215	1227539	503-005-000	4.5	LOGAN
Patch, external 6-13/16 OD CSG BLNK box 5000 psi	1270508	503-007-000	5.5	LOGAN
Patch, external 6-5/8	1723136	1723136		

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Patch, external 9-5/8 IN	915927	915927			
Patch, external casing 13.375 15.125 OD w/BTC connection	1142463	1142463	13.375	BOWEN	
Patch, external high PSI 10-3/4 OD casing blank box	126298	507-1263-012-000-500	10.75	LOGAN	
Patch, external high PSI 11-7/8 OD casing blank box	126312	507-1381-011-000-500	11.88	LOGAN	
Patch, external high PSI 11-7/8 OD casing blank box	719433	507-1438-12K-001-500	11.88	LOGAN	
Patch, external high PSI 13-3/8 OD casing blank box	126320	507-1544-012-000-502	13.38	LOGAN	
Patch, external high PSI 13-5/8 OD casing blank box	126328	512-1363-001	13.63	LOGAN	
Patch, external high PSI 13-5/8 OD casing PN 512-1363-007	2356563	512-1363-007	13.625	LOGAN OIL TOOLS	
Patch, external high PSI 15-3/4 OD MOD 507-1544-012-000-500	2303278	507-1544-012-000-500	13.375	LOGAN	
Patch, external high PSI 9-5/8 OD casing blank box	126268	512-963-000	9.625	LOGAN	
Patch, external high PSI 9-7/8 OD casing blank box	126295	507-1163-11K-000-500	9.875	LOGAN	
Patch, external HP 12-5/16 IN OD 10-3/4 IN OD CSG 509-704	1739014	1739014		LOGAN OIL TOOLS	
Patch, external HP 14 IN CSG 17.250 OD 512-1763-H2S-000	2246434	512-1763-H2S-000		LOGAN OIL TOOLS	
Patch, external HP 14 IN CSG 17.375 OD 515-1738-000	2340317	2340317	14.0	LOGAN OIL TOOLS	
Patch, external HP 17-3/8 OD f/14.0 IN CSG 15000 PSI	2804933	515-1738-013	14.0	LOGAN OIL TOOLS	
Patch, external HP 4-1/2 IN OD CSG 5-7/8 IN OD 510L-005-001	1961611	510L-005-001A		LOGAN OIL TOOLS	
Patch, external HP 4-1/2 IN OD CSG 6 IN OD PN 504294	1962080	504294	4.5	NOV	
Patch, external HP 4-1/2 IN OD CSG 6-1/4 IN OD 510L-005-013	1898165	510L-005-013		LOGAN OIL TOOLS	
Patch, external HP 5-1/2 IN OD CSG 7.130 IN OD 510L-007-007	1898177	510L-007-007		LOGAN OIL TOOLS	
Patch, external HP 5-1/2 IN OD CSG 7.130 IN OD 510L-007-008	1897998	510L-007-008		LOGAN OIL TOOLS	
Patch, external HP 8-5/8 IN OD 7 IN OD CSG 510L-011-000	1738633	1738633		LOGAN OIL TOOLS	
Patch, external HP 9-5/8 CSG 12.440 OD 510-963-010-H2S-001	2109208	510-963-010-H2S-001		LOGAN OIL TOOLS	
Patch, external, high PSI 11-7/8 OD casing blank box	102274	507-1381	11.875	LOGAN	
Patch, external, high PSI 13-3/8 OD casing blank box	102275	507-1544	13.375	LOGAN	

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D001194452 (A.1) PMFD: Toulouse, Jeremy E 2022-10-06

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Patch, external, high PSI 13-5/8 OD casing blank box	102276	507-1569	13.625	LOGAN
Patch, external, high PSI 9-5/8 OD casing blank box	102270	507-1138	9.625	LOGAN
Patch, external, high PSI 9-7/8 OD casing blank box	102271	507-1163	9.875	LOGAN

REQUIRED ACTIONS

- Request / confirm pressure and temperature ratings from the OEM (Innovex or NOV) for all patches in stock.
- Request confirmation of test temperature at maximum pressure rating.
- If not obtained before job planning this should be done during the job planning process.
- This is especially important for critical applications such as hi pressure or deep water wells.
- Confirm with customer if the OEM ratings provided are acceptable or not for their use.
- If required, new testing can be requested from the OEM but this takes time so the request should be made well in advance of any planned operation.

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